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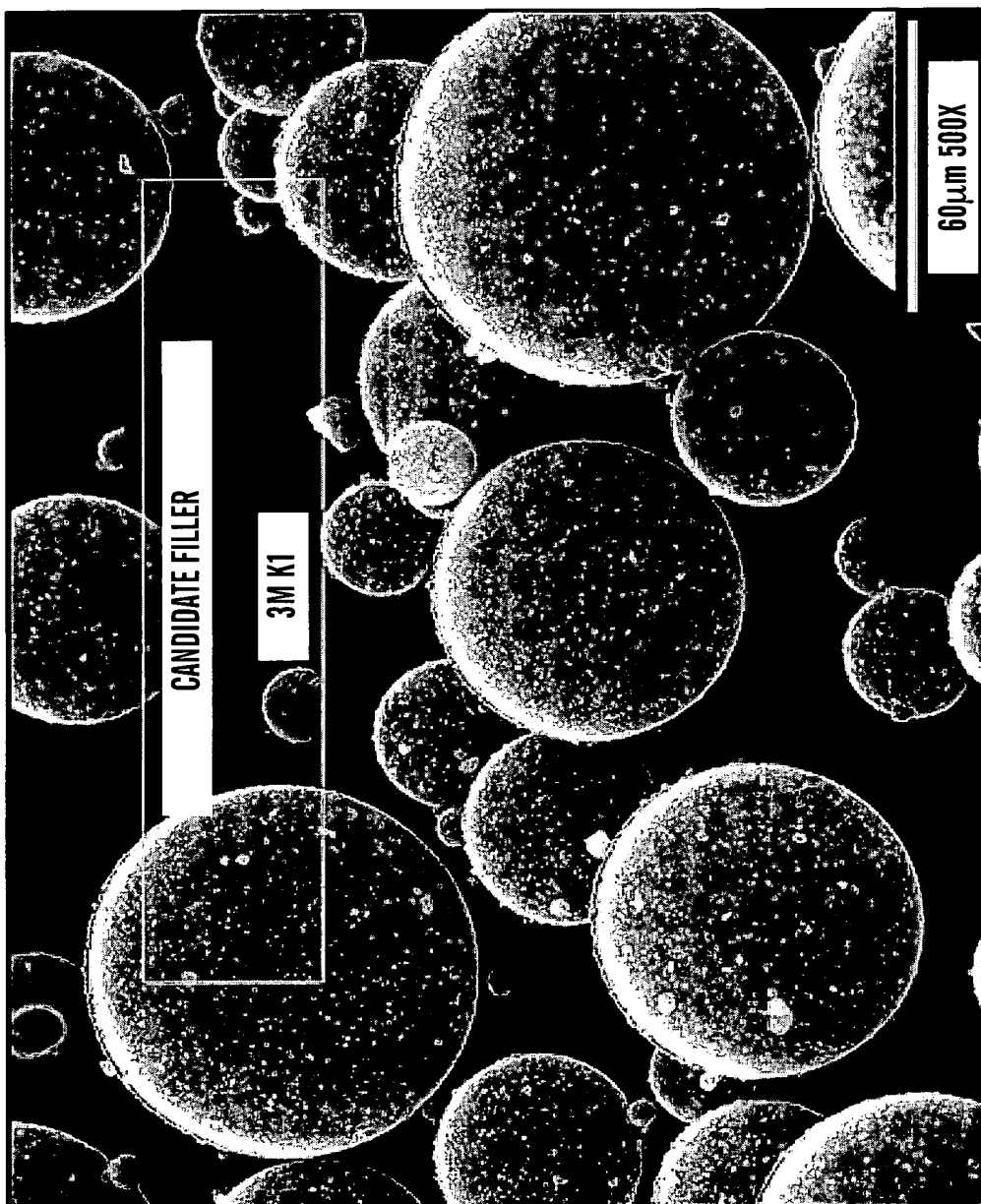


FIG. 1

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FIG. 2

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FIG. 3

BEST AVAILABLE COPY

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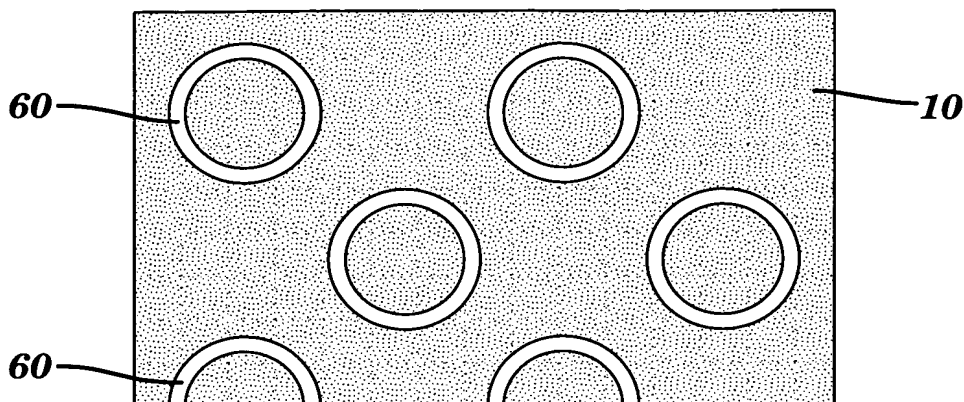


FIG. 4A

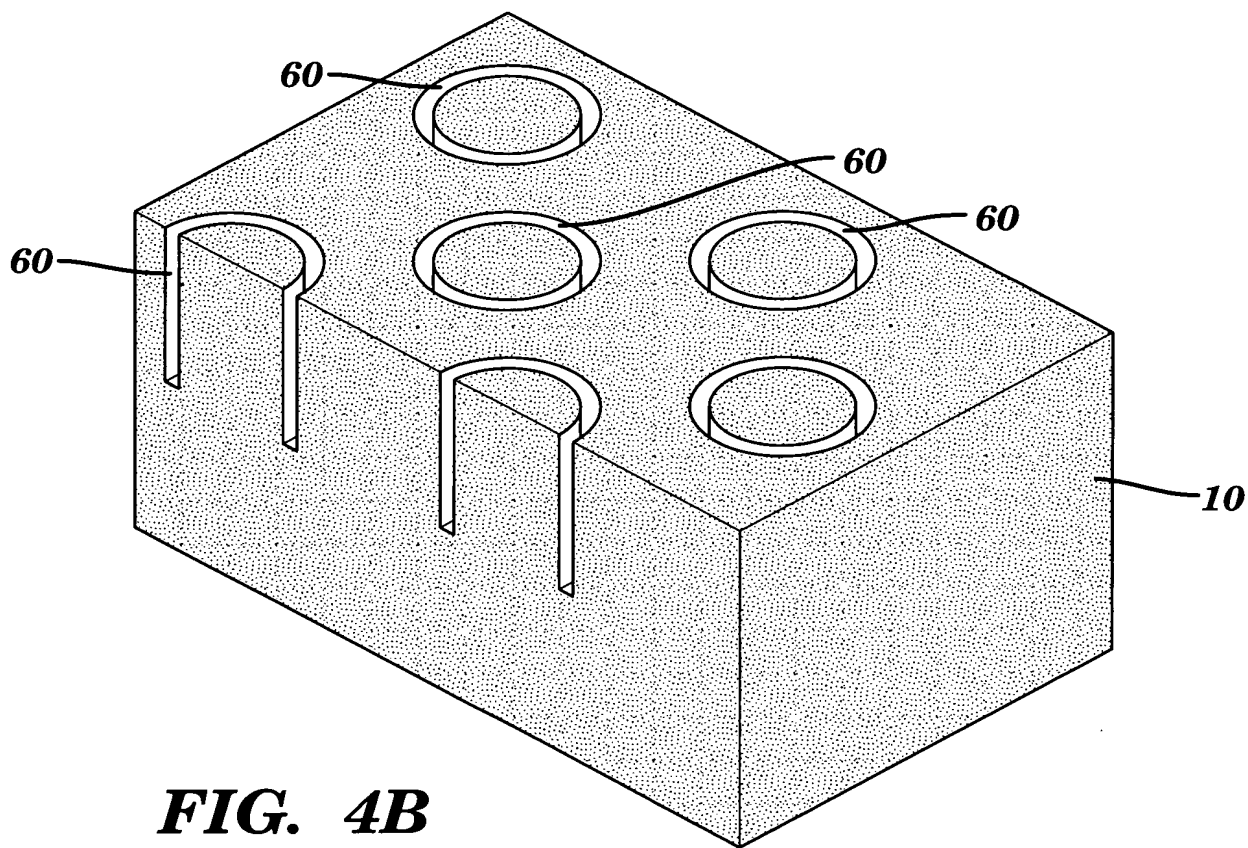


FIG. 4B

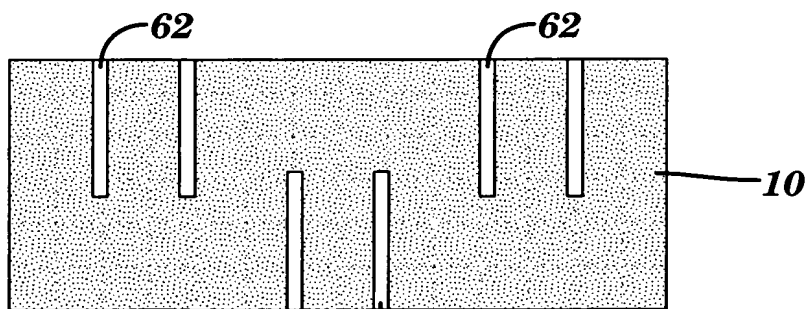


FIG. 4C

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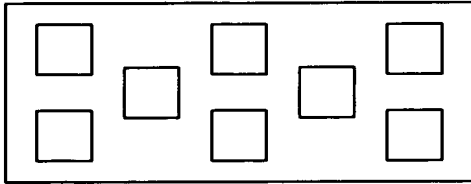


FIG. 5A

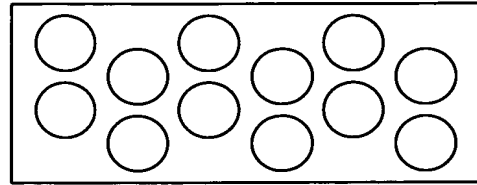


FIG. 5B

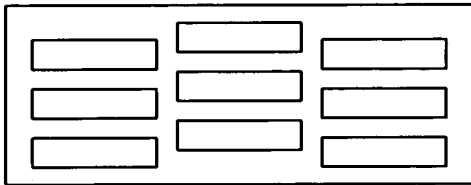


FIG. 5C

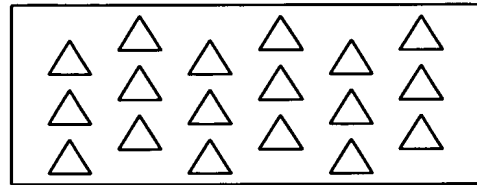


FIG. 5D

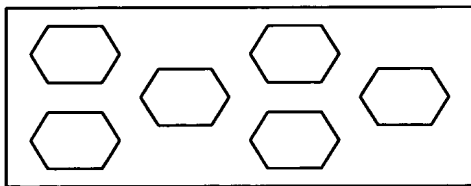


FIG. 5E

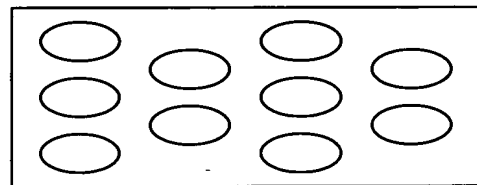


FIG. 5F

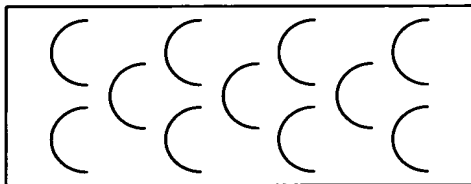


FIG. 5G

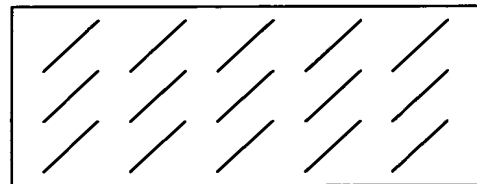


FIG. 5H

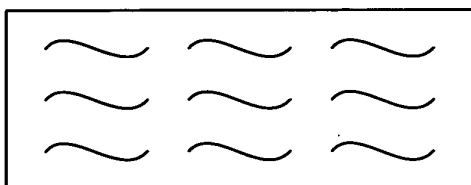


FIG. 5I

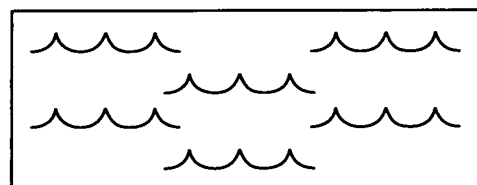


FIG. 5J

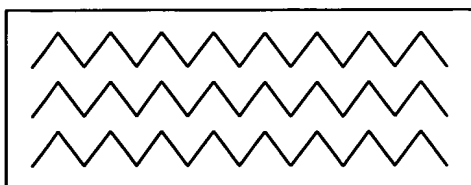


FIG. 5K

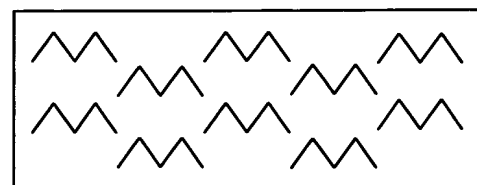


FIG. 5L

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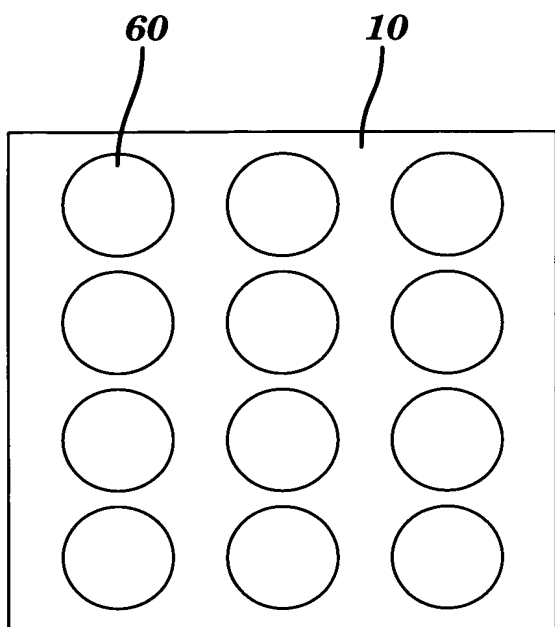


FIG. 6A

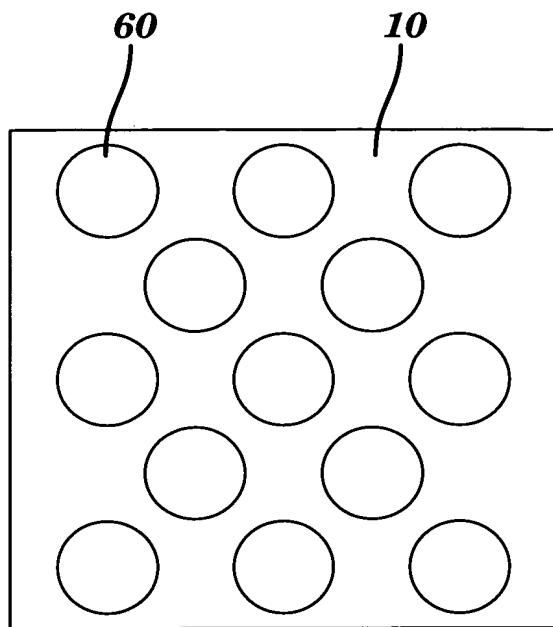


FIG. 6B

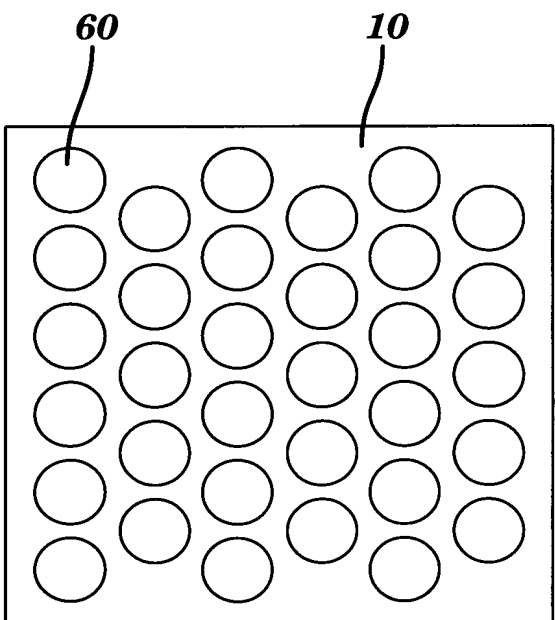


FIG. 6C

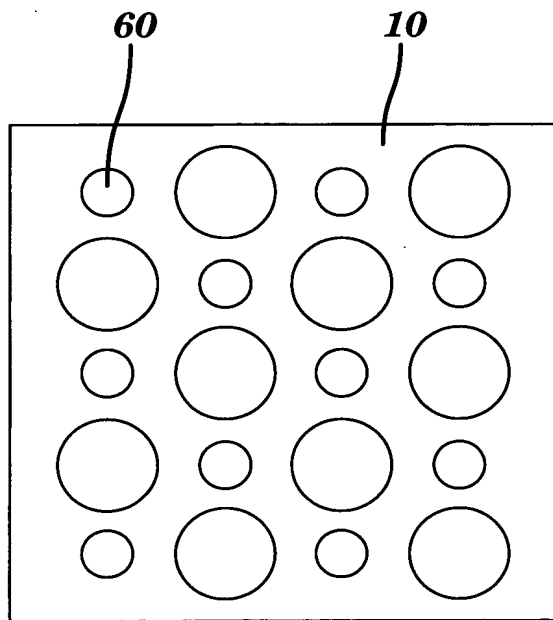


FIG. 6D

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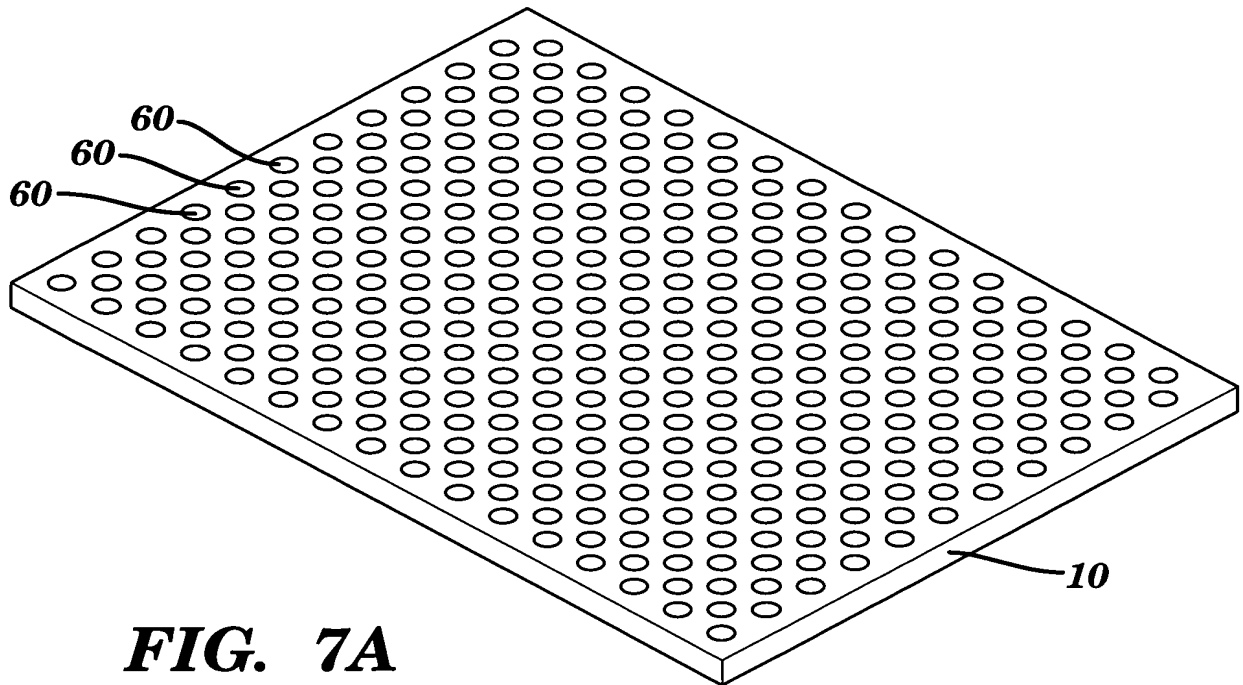


FIG. 7A

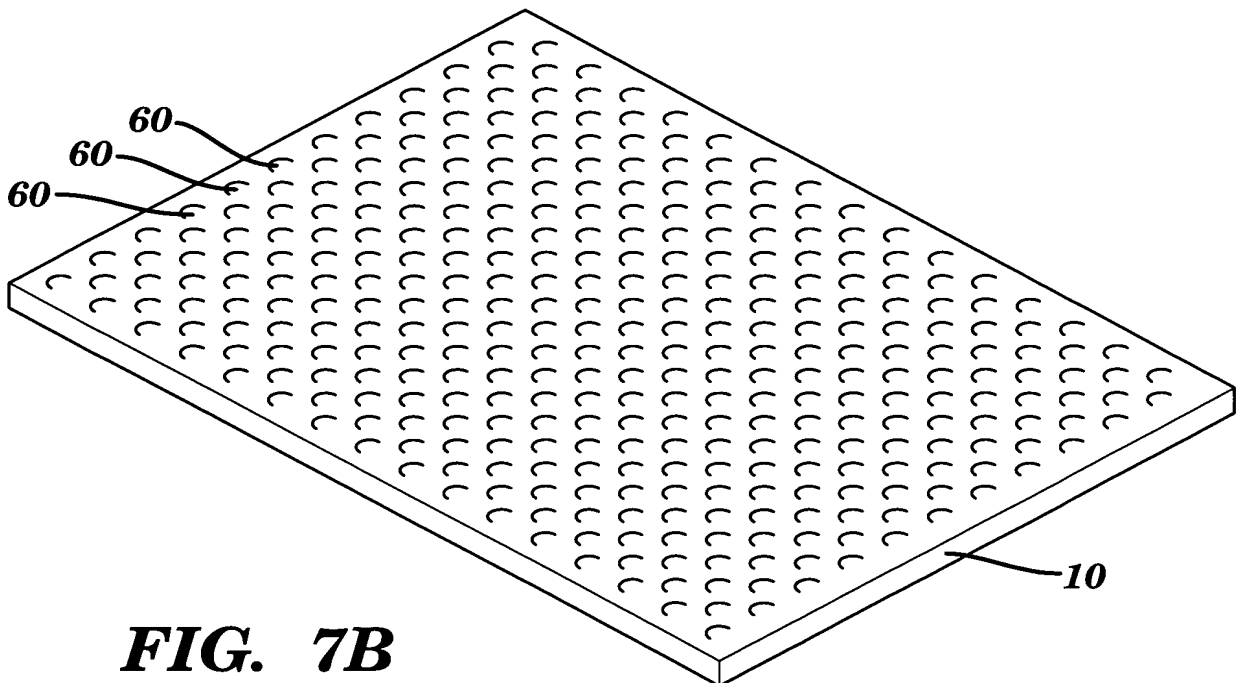


FIG. 7B

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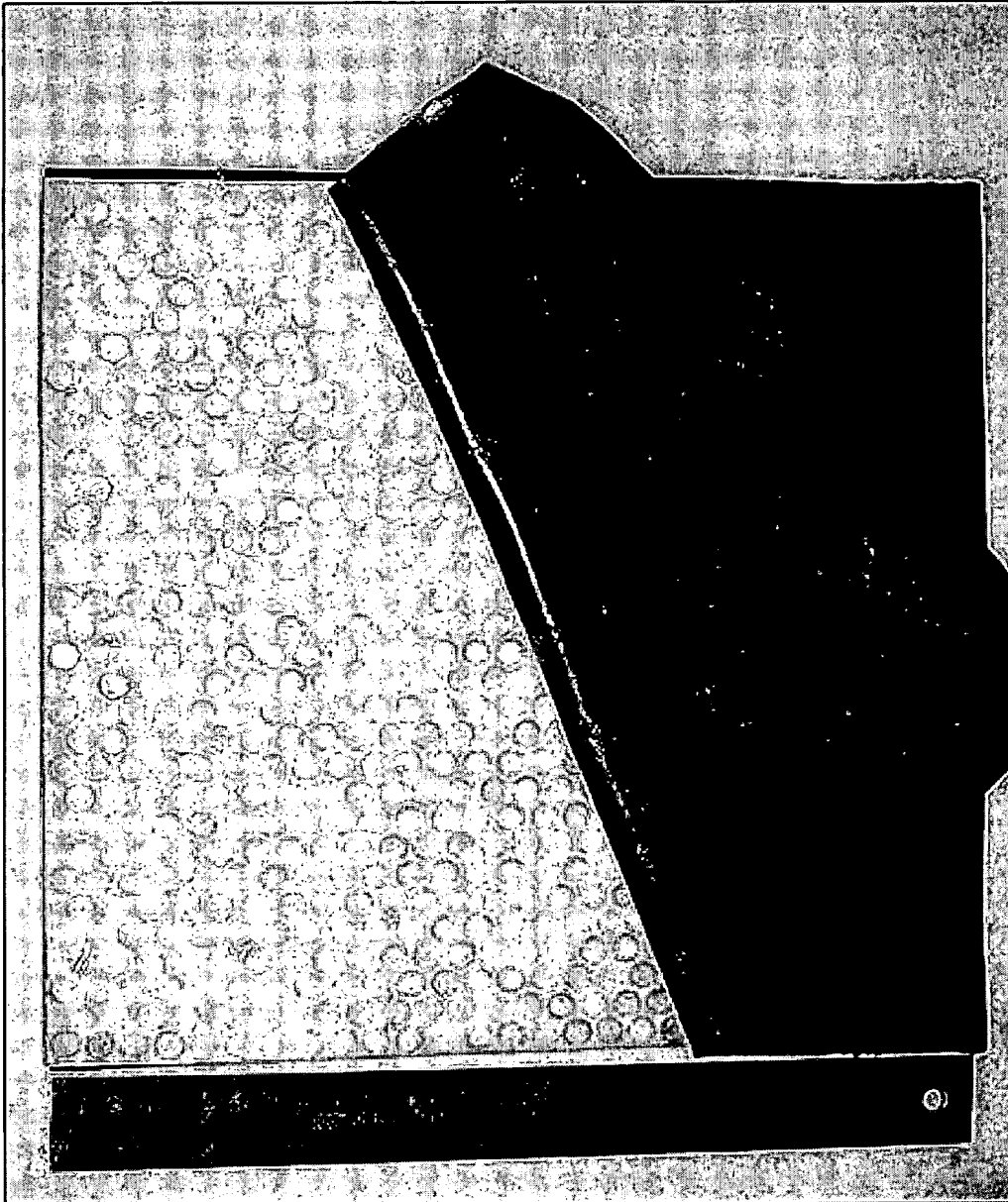


FIG. 8

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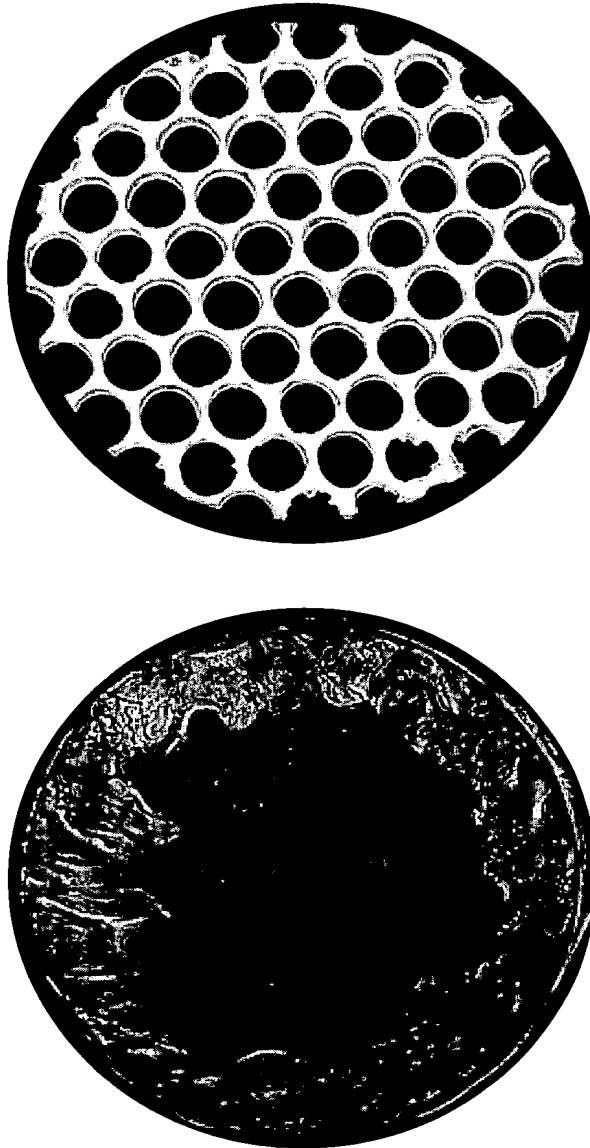


FIG. 9

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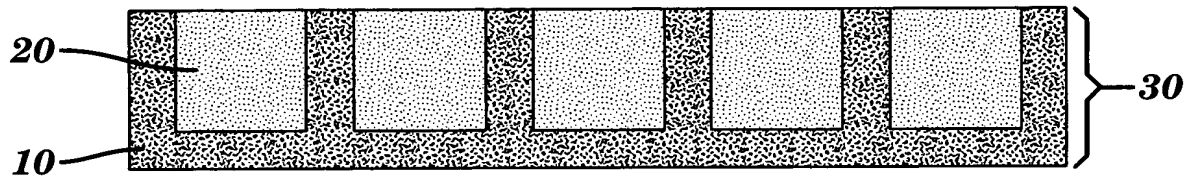


FIG. 10A

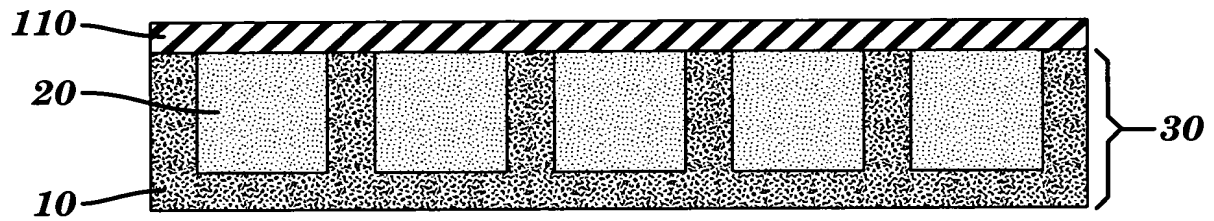


FIG. 10B

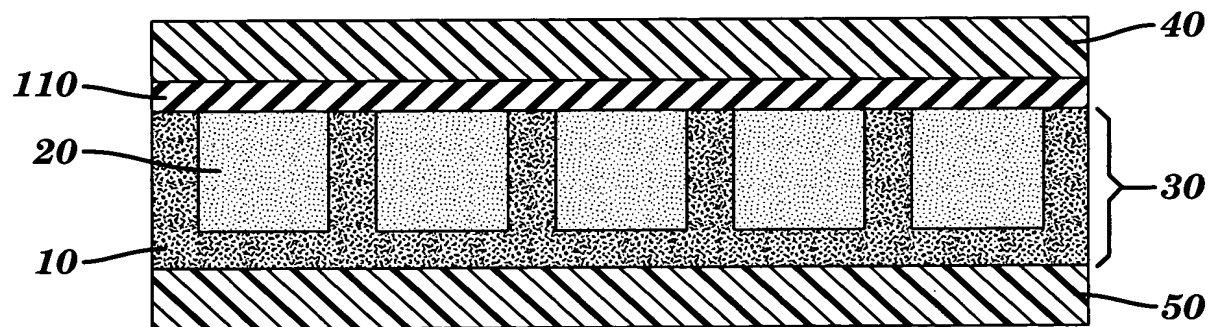


FIG. 10C

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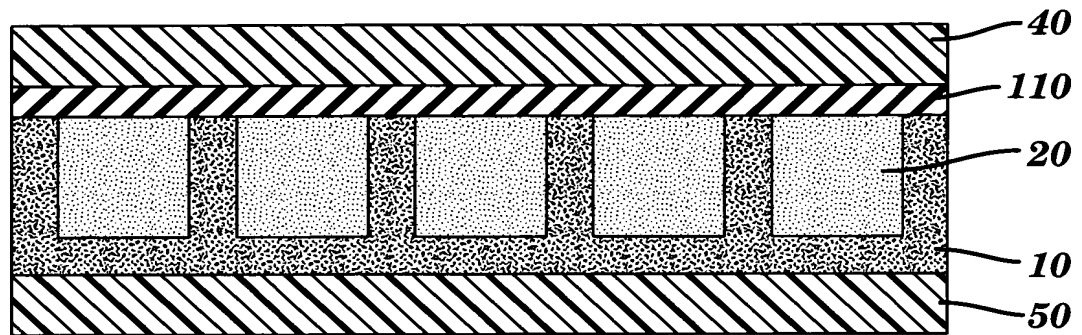


FIG. 11A

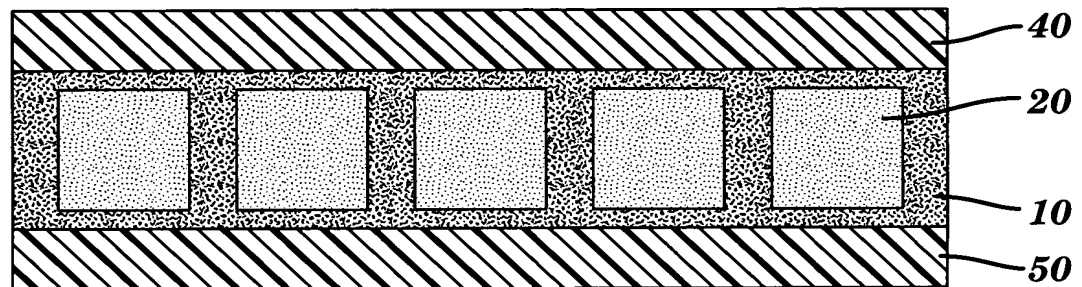


FIG. 11B

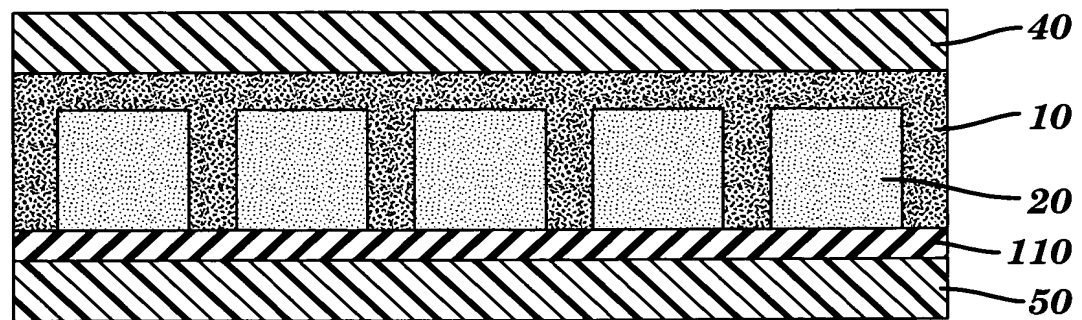


FIG. 11C

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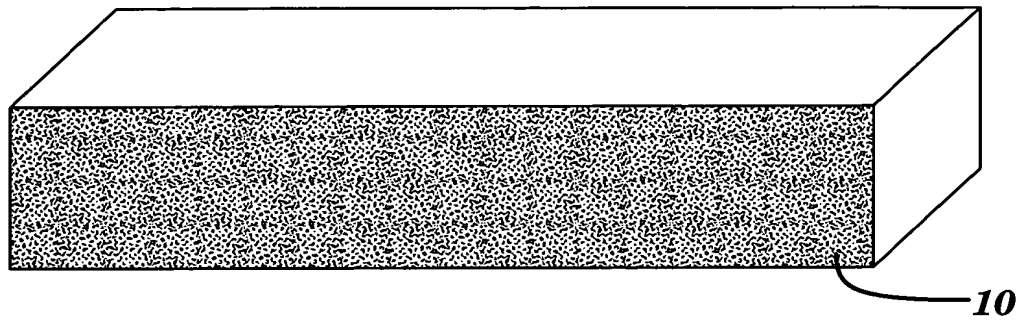


FIG. 12A

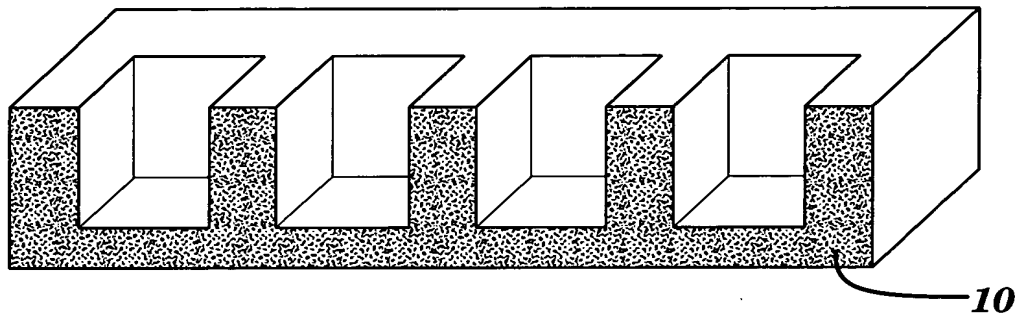


FIG. 12B

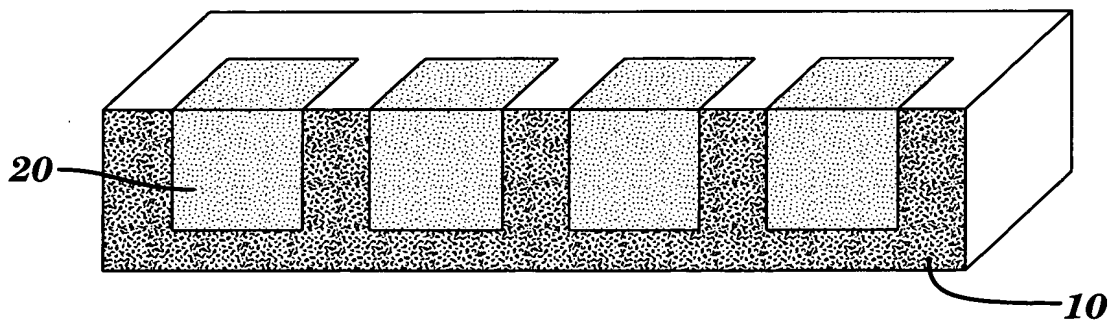


FIG. 12C

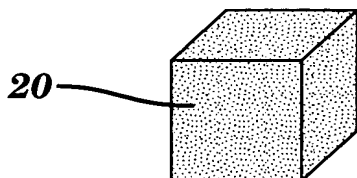


FIG. 12D

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LEGEND
A — DENSITY
B — THERMAL RESISTANCE

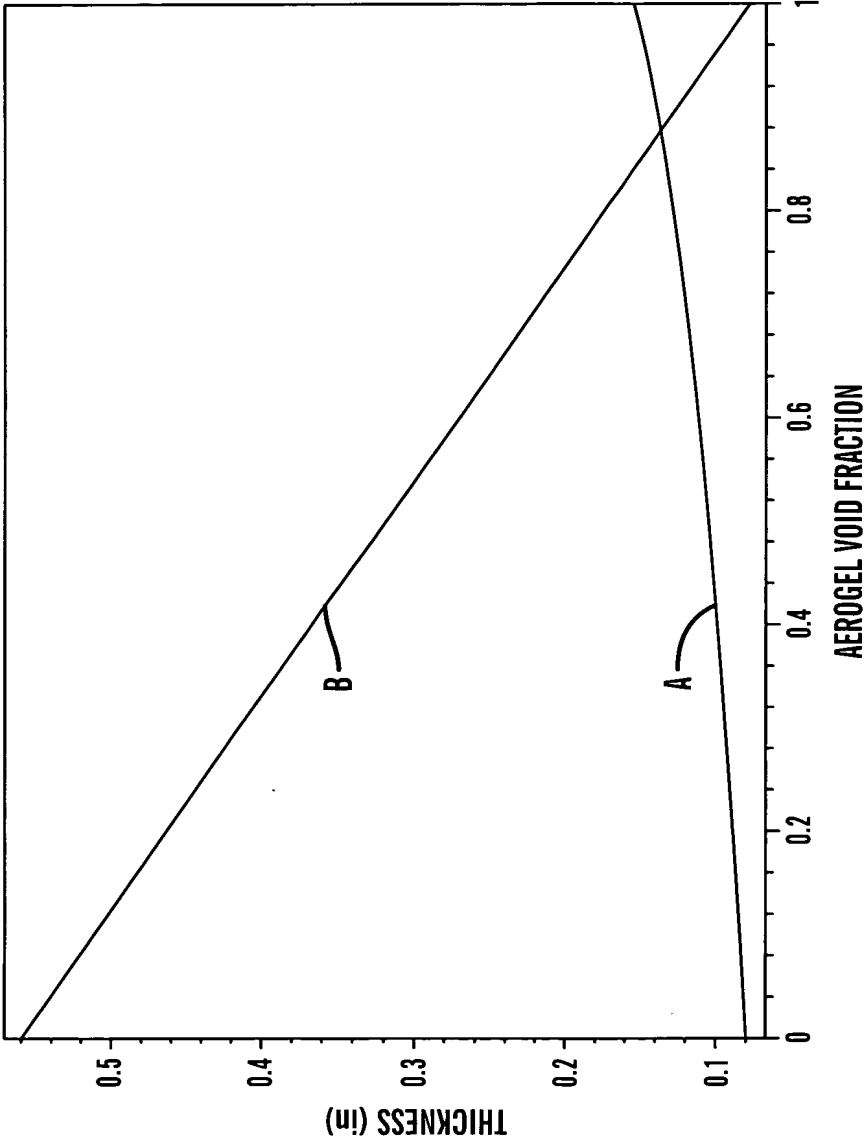


FIG. 13

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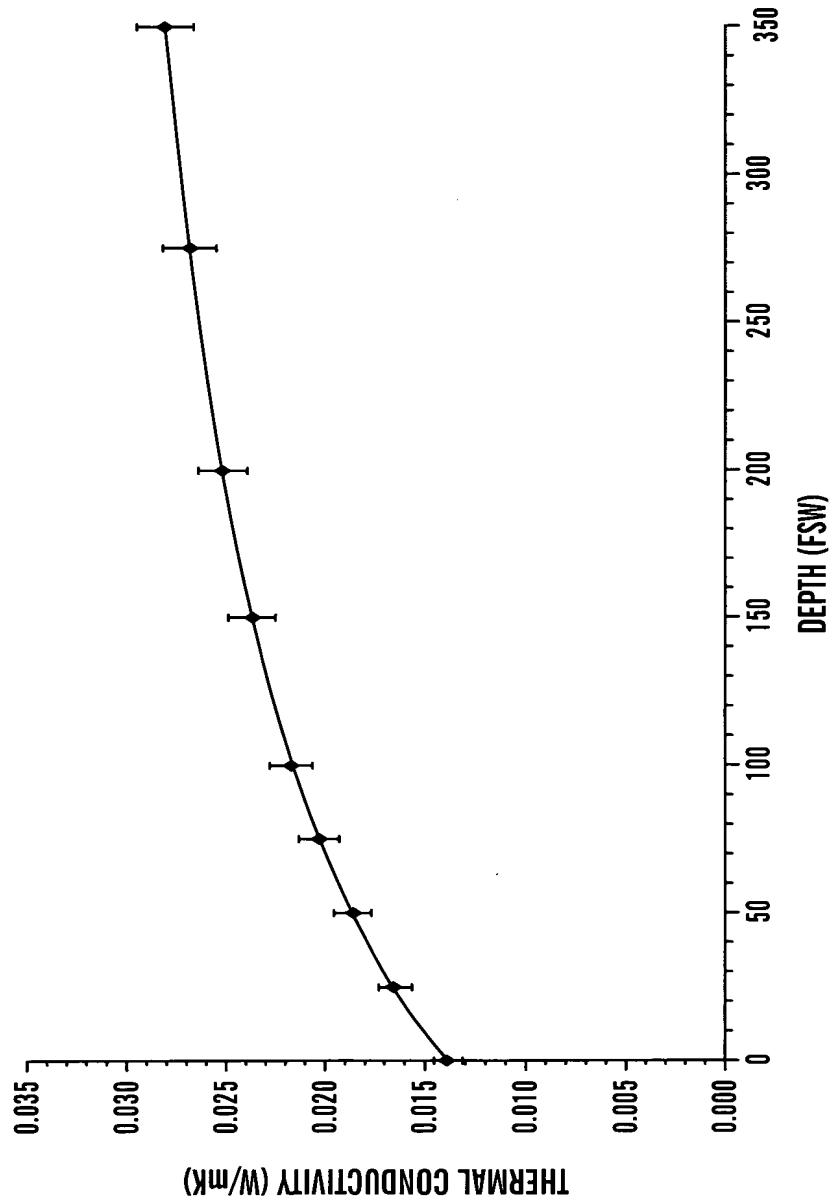


FIG. 14

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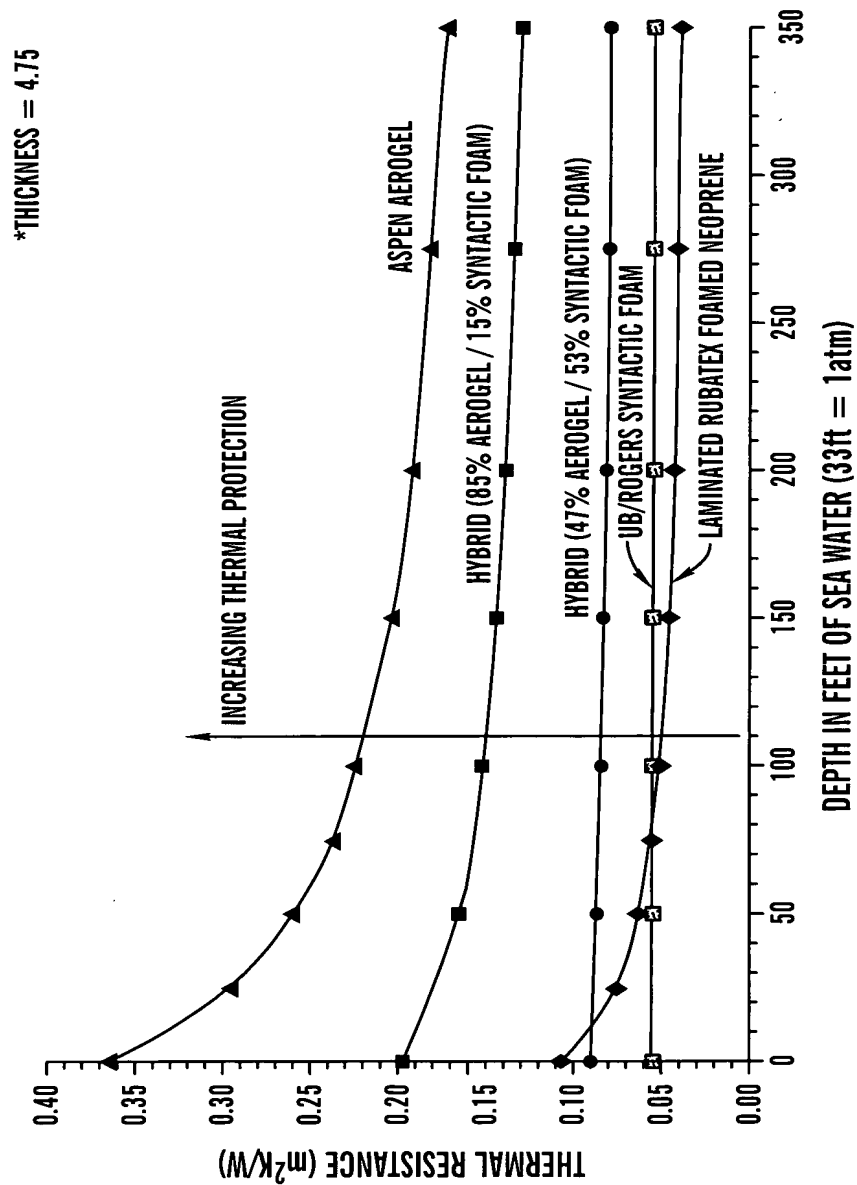


FIG. 15

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- A — 3/16" RUBATEX FOAMED NEOPRENE WITH NYLON LAMINATE
- B — 1/2" RUBATEX FOAMED NEOPRENE WITHOUT NYLON LAMINATE
- C — 100% GE-LJM6010 SILICONE
- D — 58% GE-RTV615 SILICONE / 42% K1 MICROSPHERES
- E — 38.5% GE-RTV615 SILICONE / 45% K1 MICROSPHERES /
16.5% GE-SF96-50 PLASTICIZER

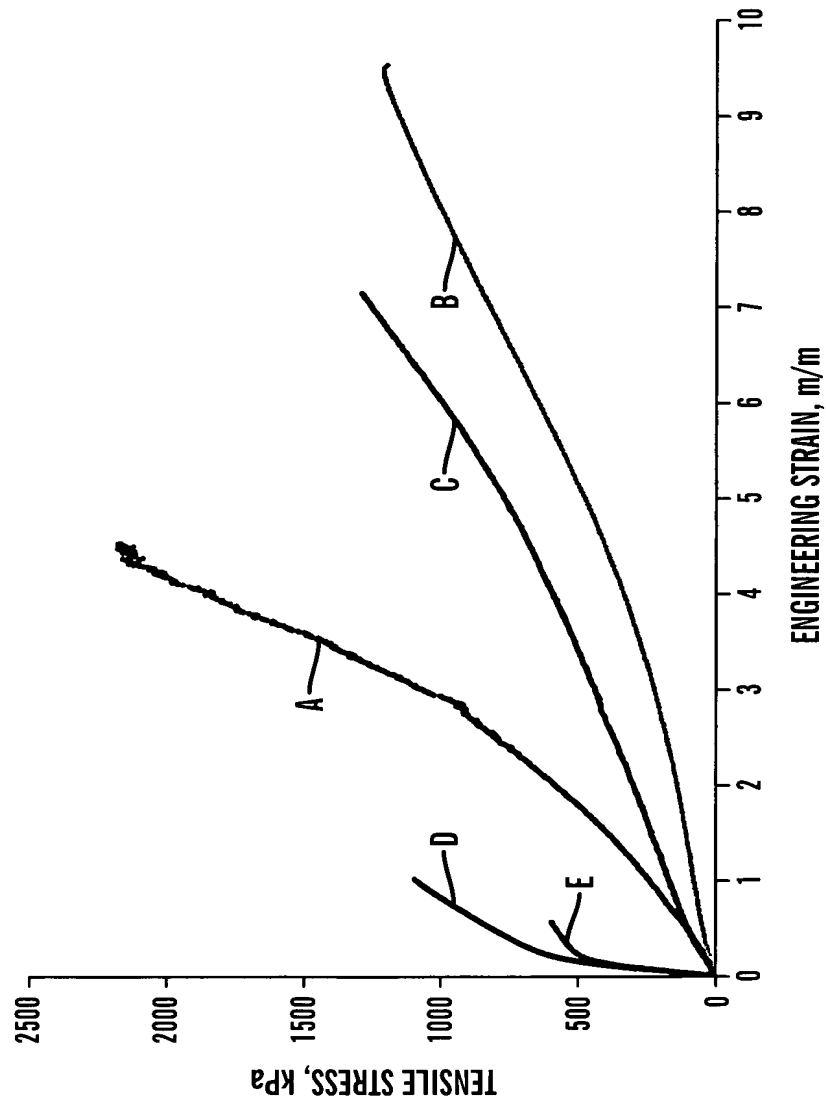


FIG. 16

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CANDIDATE INSULATION
SYNTACTIC FOAM
3M K1 SPHERES IN GE 615 RTV

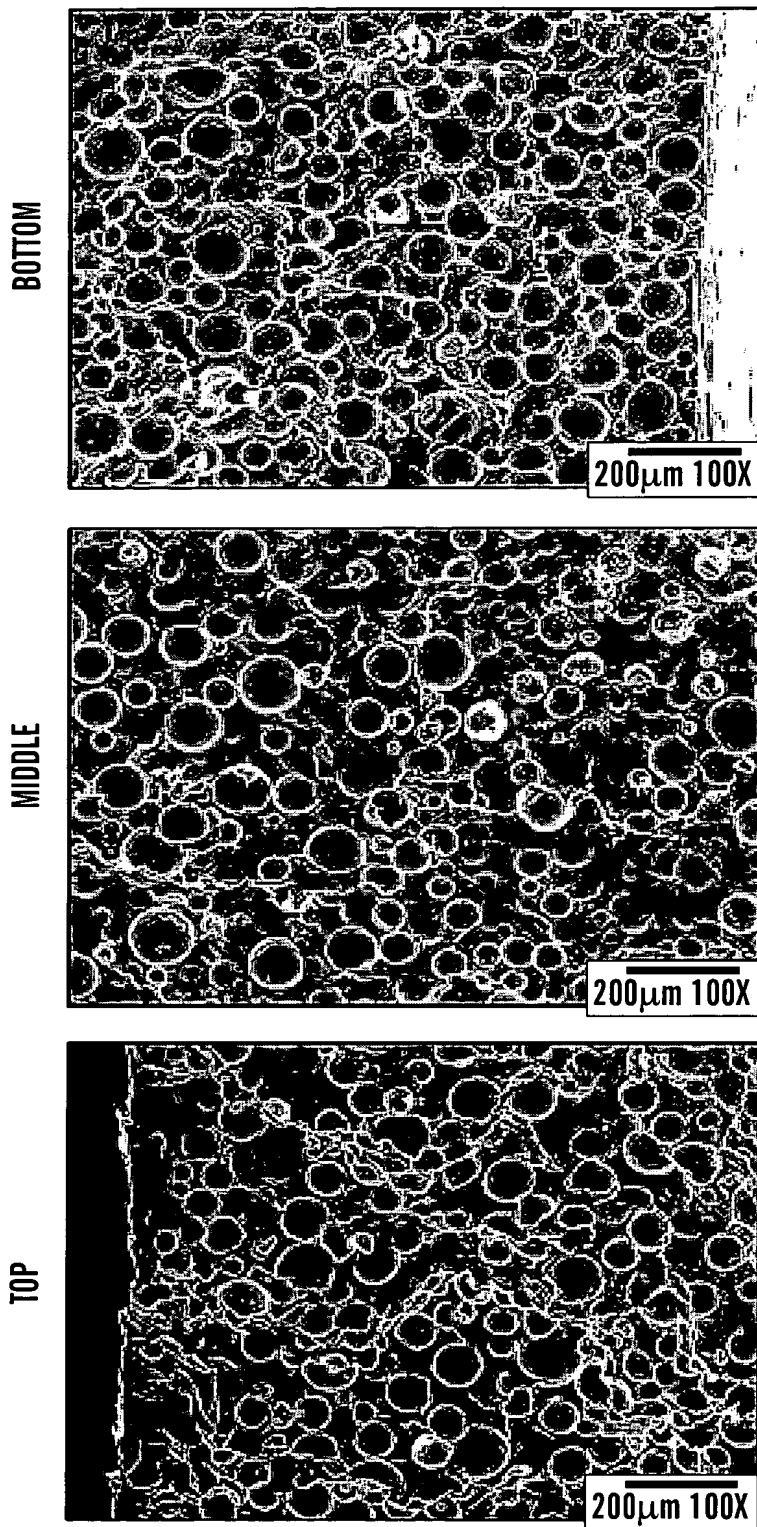


FIG. 17

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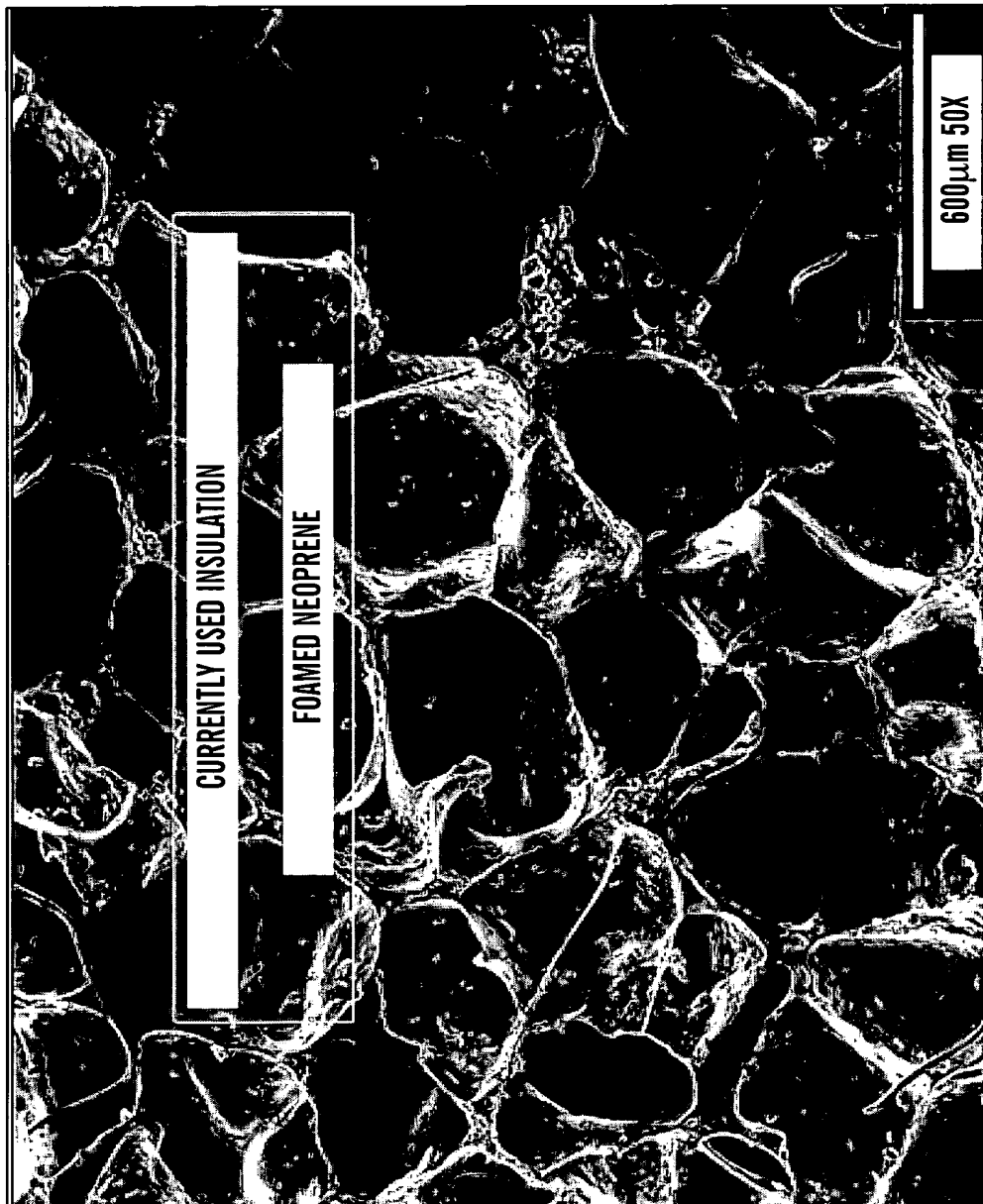


FIG. 18
PRIOR ART

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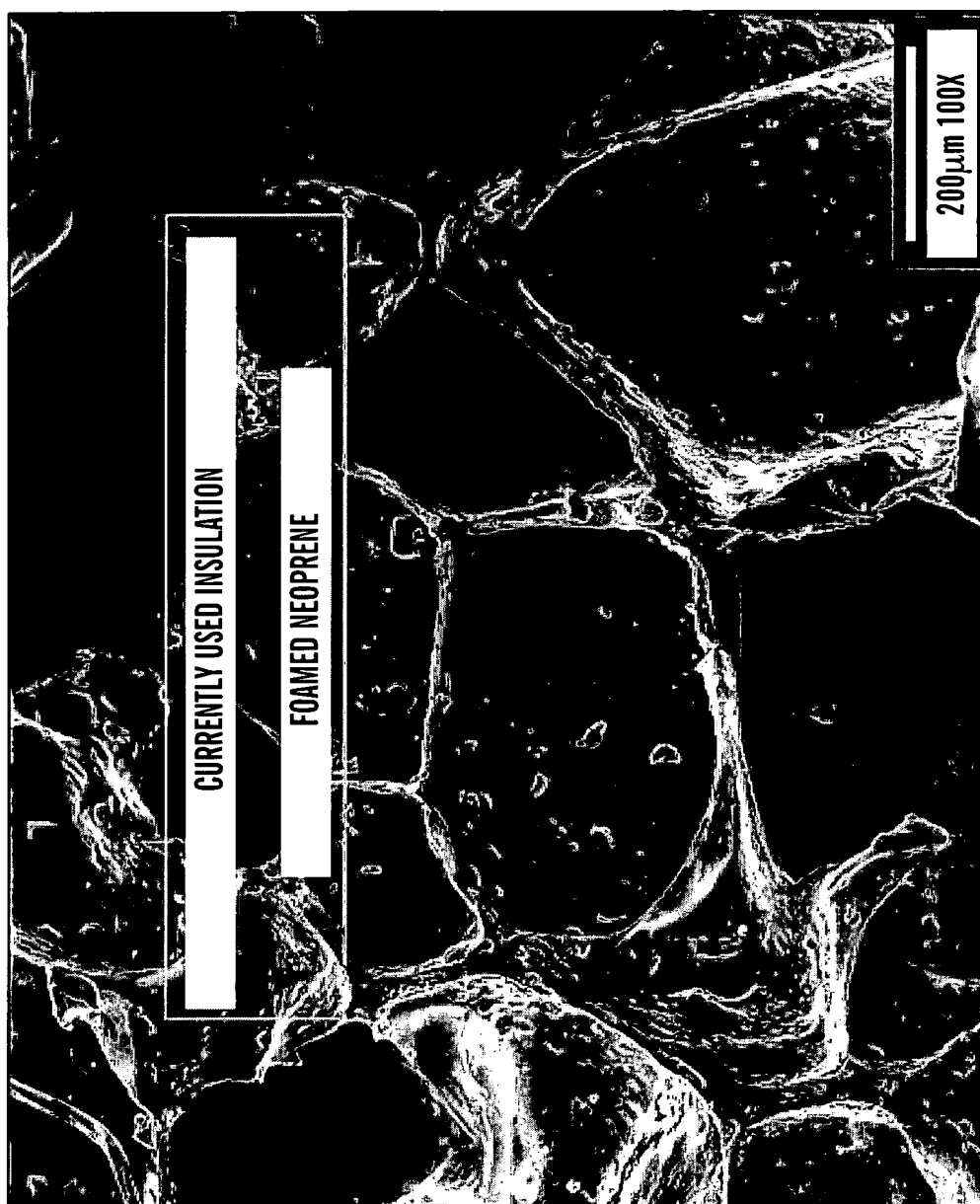


FIG. 19
PRIOR ART

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FIG. 20
PRIOR ART

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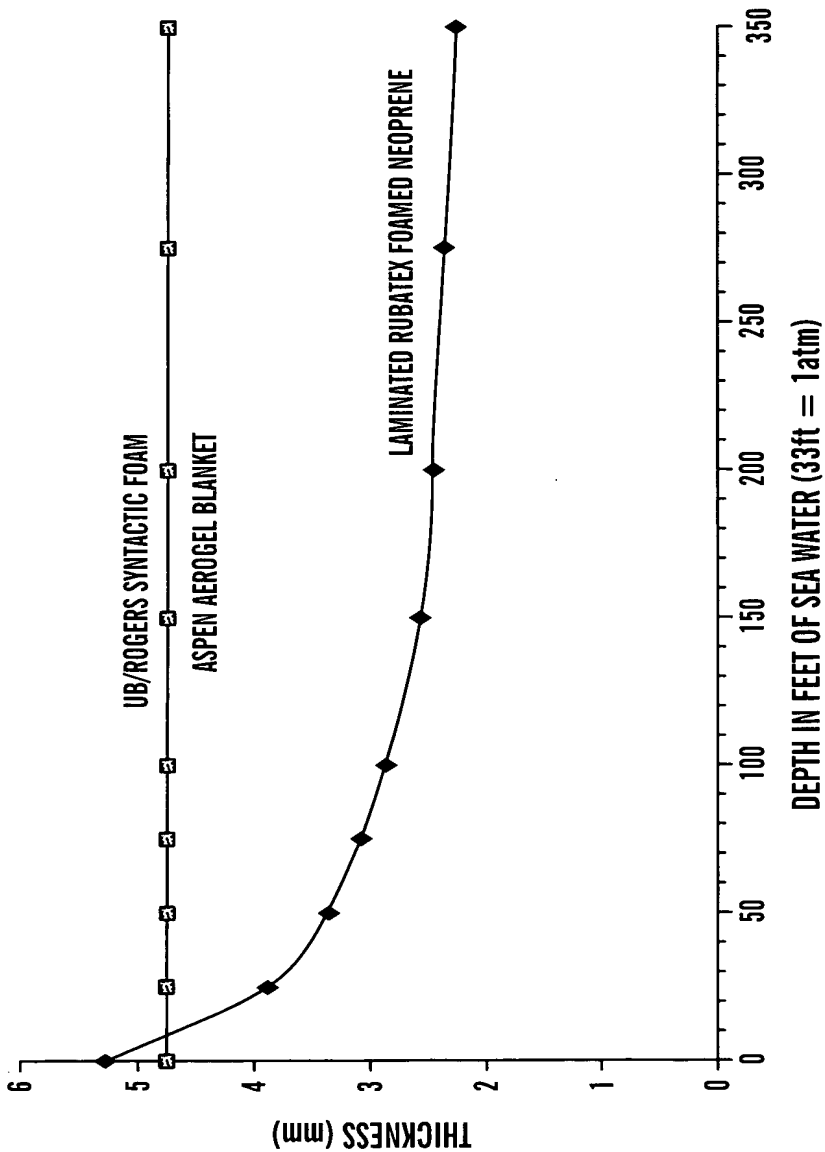


FIG. 21

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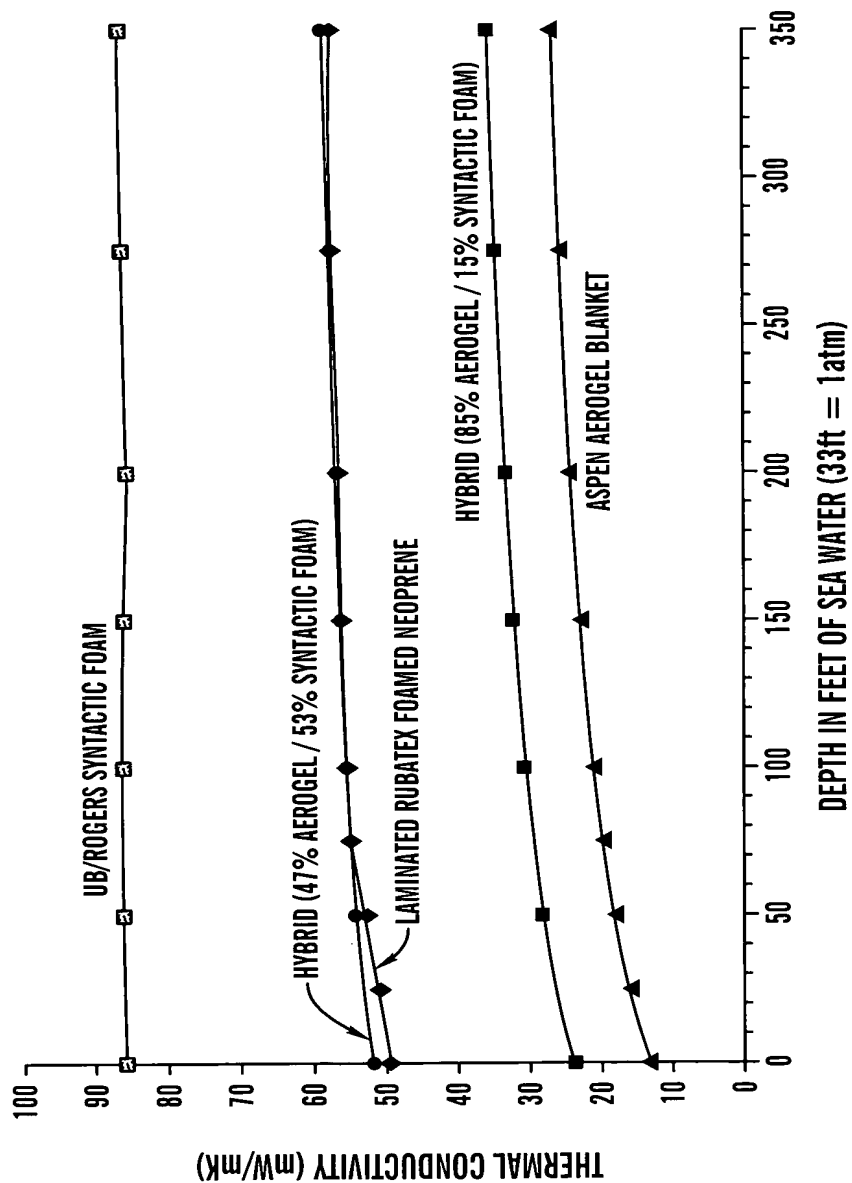


FIG. 22